

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100134.D
 Acq On : 3 Nov 2017 15:07
 Operator : SJ/JU
 Sample : I6258-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-DR-2-14-18

Quant Time: Nov 03 16:06:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	77335	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	318011	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	154534	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	287062	20.00	ng	0.00
75) Chrysene-d12	13.95	240	200452	20.00	ng	0.00
86) Perylene-d12	15.41	264	136937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	617097	125.28	ng	0.02
7) Phenol-d6	6.42	99	644107	110.28	ng	0.00
23) Nitrobenzene-d5	7.34	82	477160	96.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	205675	146.05	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	999237	99.76	ng	0.00
78) Terphenyl-d14	12.88	244	919536	100.25	ng	0.00

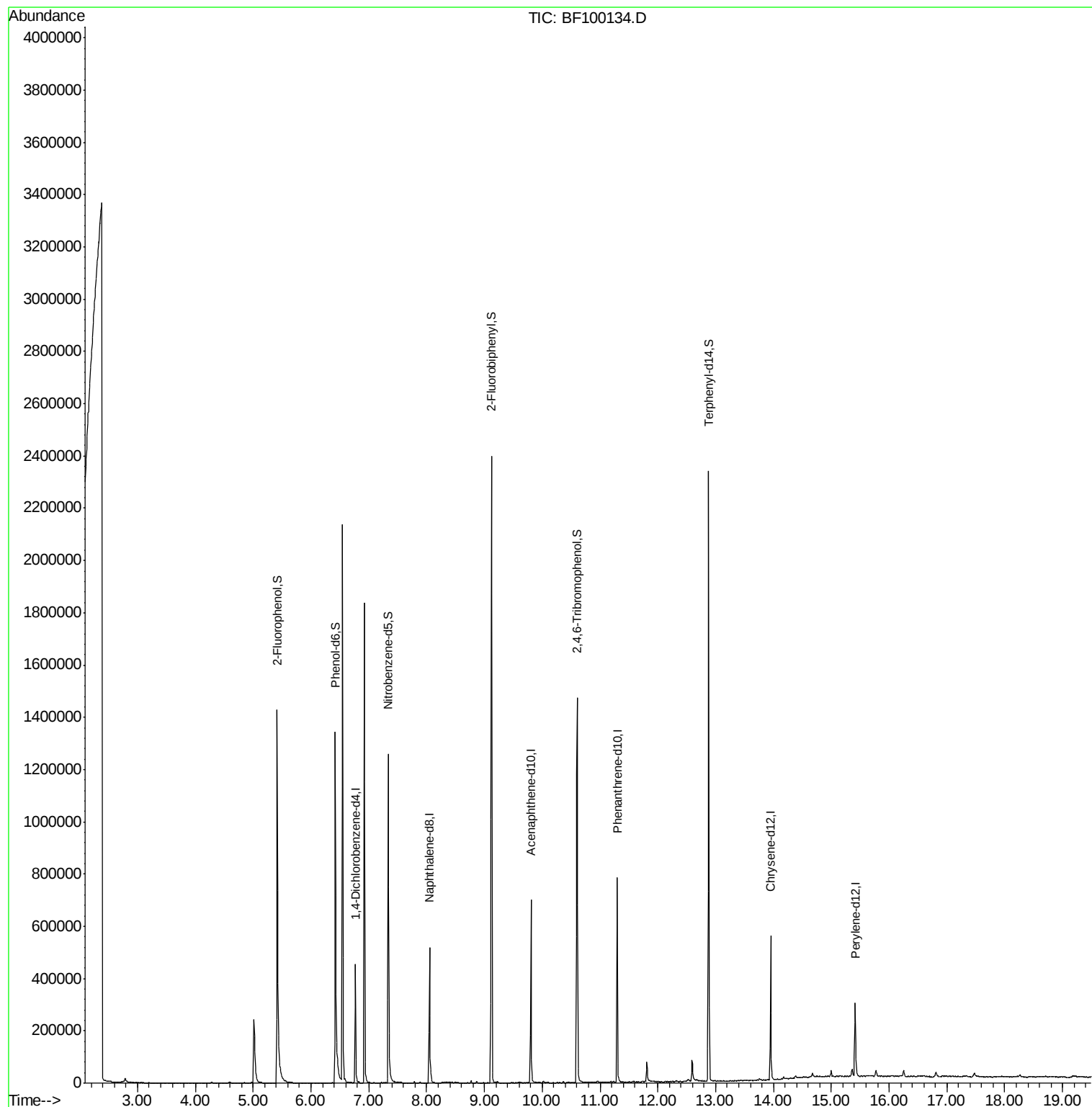
Target Compounds	Qvalue
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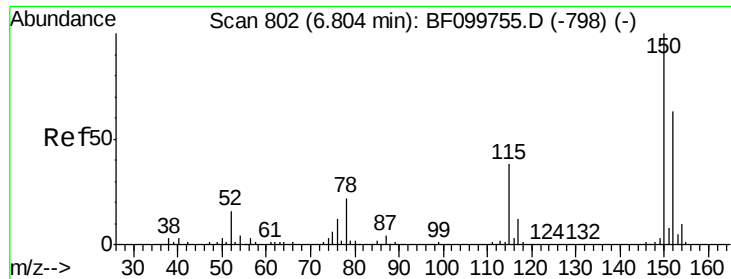
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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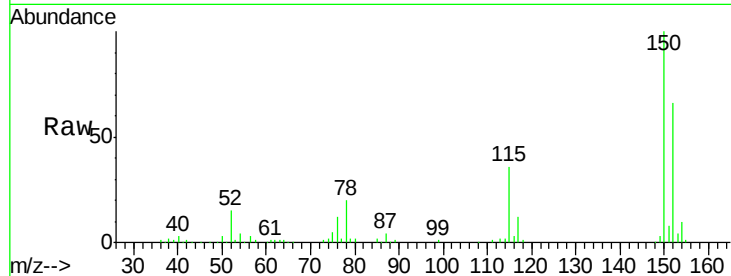


#1

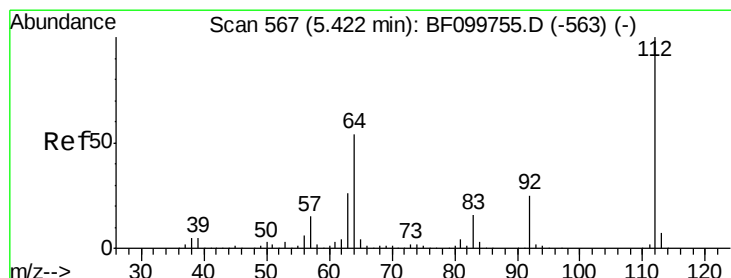
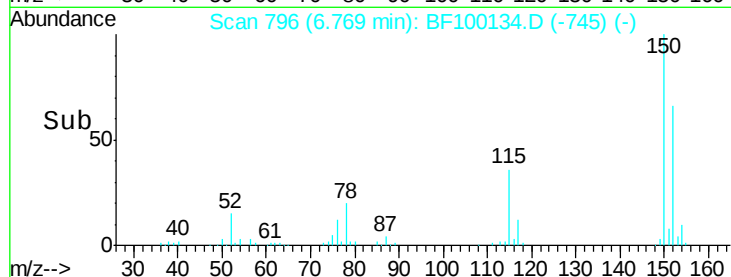
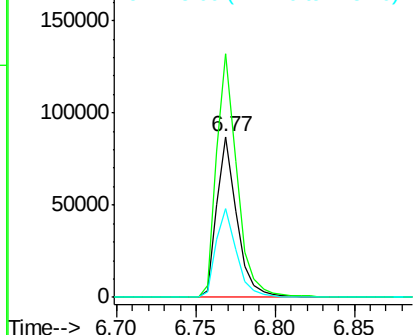
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100134.D
Acq: 3 Nov 2017 15:07

Instrument :
BNA_F
ClientSampleId :
WOODLAKE-DR-2-14-18

Tgt Ion:152 Resp: 77335
Ion Ratio Lower Upper
152 100
150 151.2 124.6 186.8
115 54.9 50.1 75.1



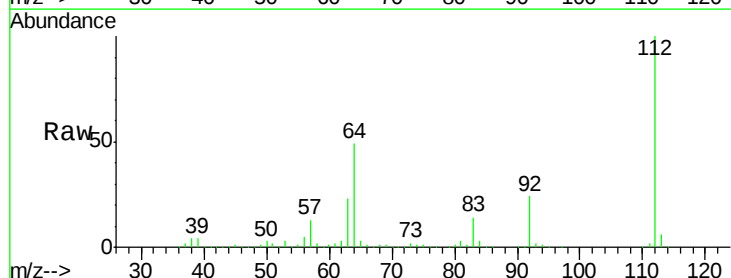
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



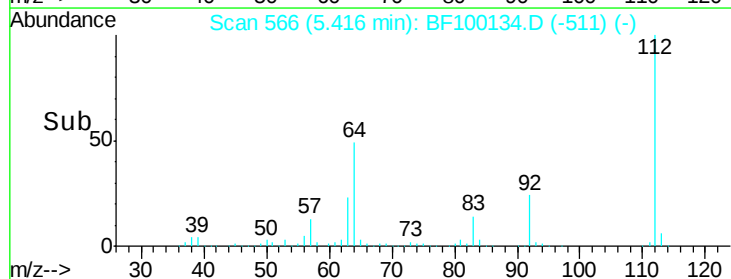
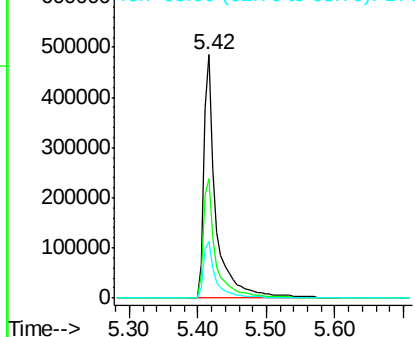
#5

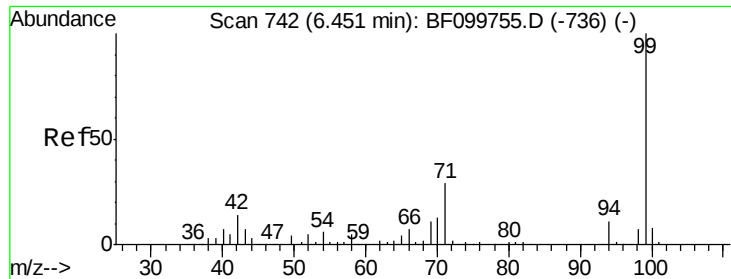
2-Fluorophenol
Concen: 125.276 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100134.D
Acq: 3 Nov 2017 15:07

Tgt Ion:112 Resp: 617097
Ion Ratio Lower Upper
112 100
64 49.1 47.9 71.9
63 23.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 110.278 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-DR-2-14-18

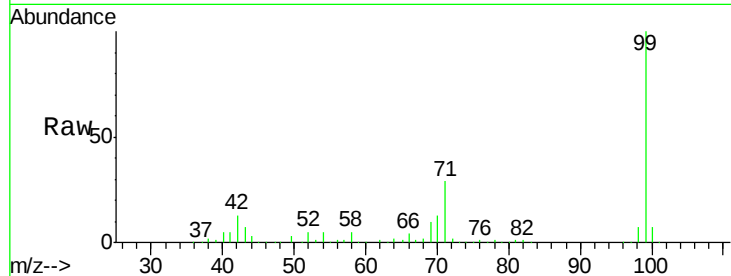
Tgt Ion: 99 Resp: 644107

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

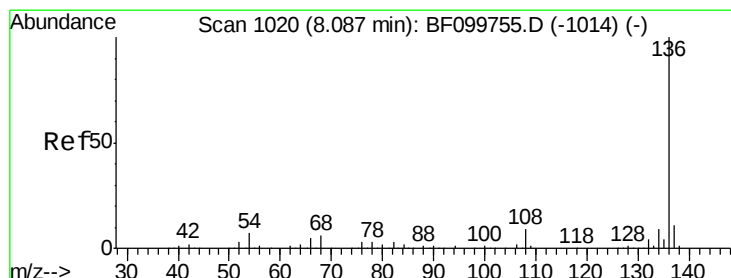
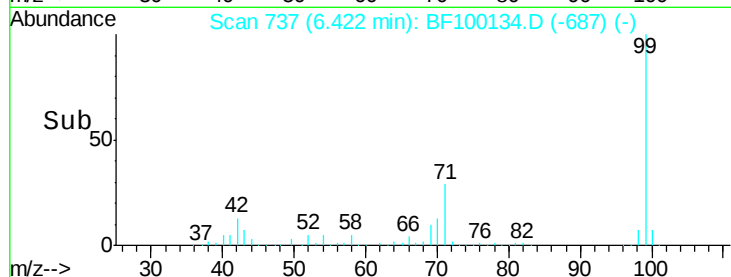
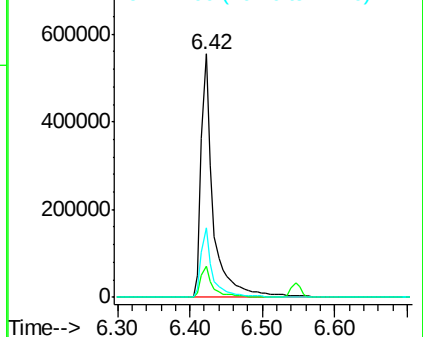
71 28.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Tgt Ion: 136 Resp: 318011

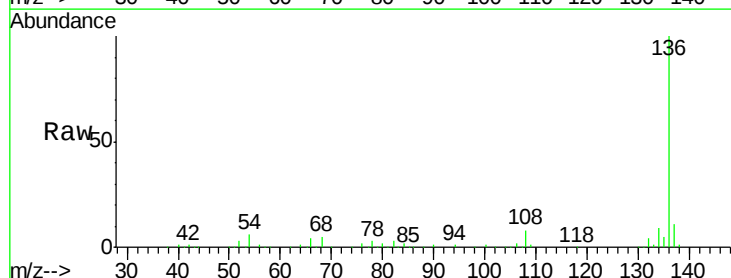
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.4 5.0 7.4

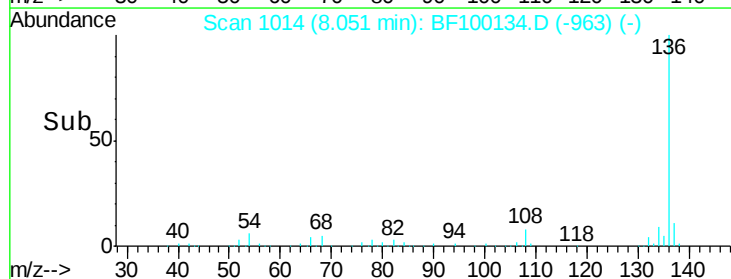
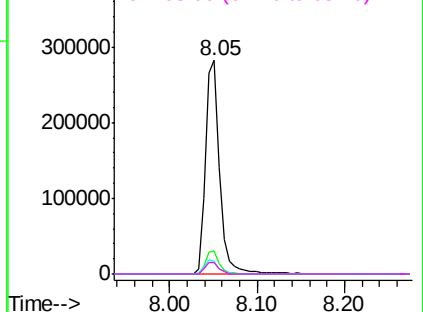


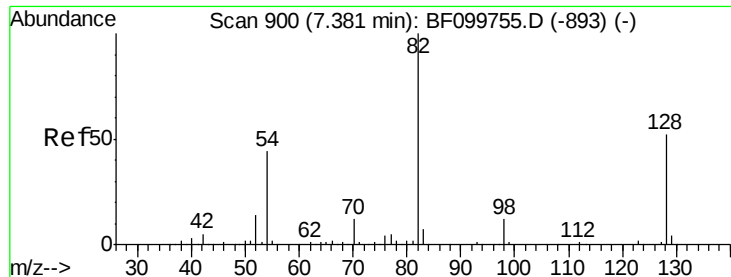
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

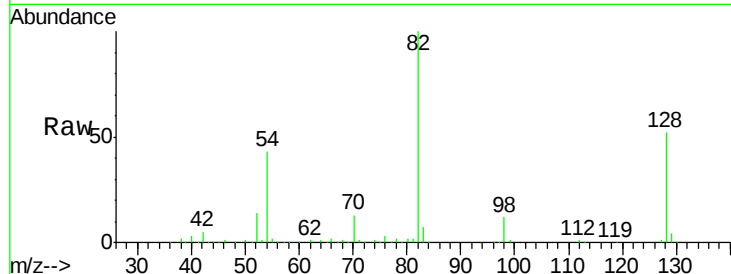




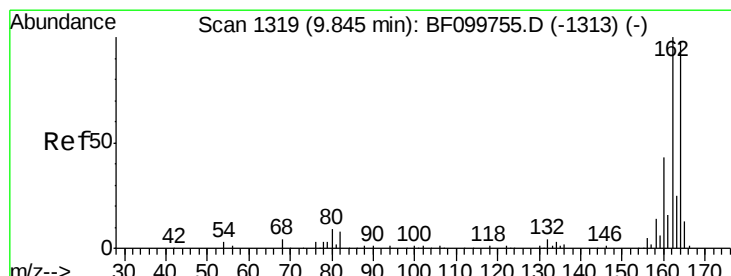
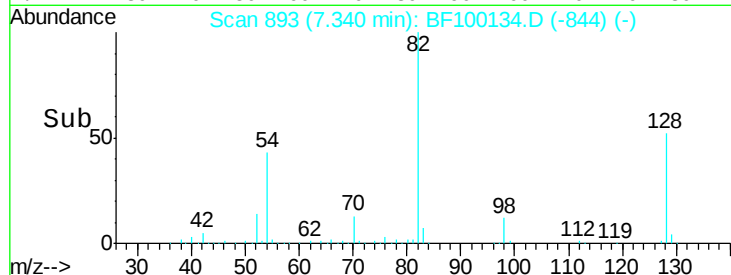
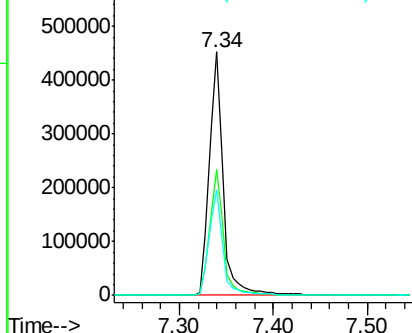
#23
 Nitrobenzene-d5
 Concen: 96.600 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-DR-2-14-18

Tgt Ion: 82 Resp: 477160
 Ion Ratio Lower Upper
 82 100
 128 51.5 36.1 54.1
 54 43.2 41.4 62.2

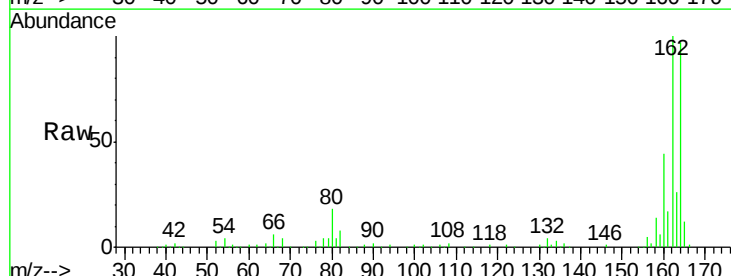


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

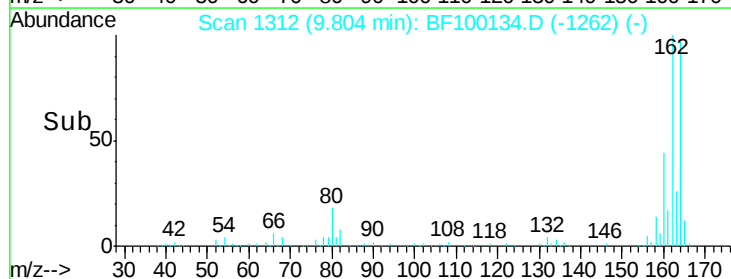
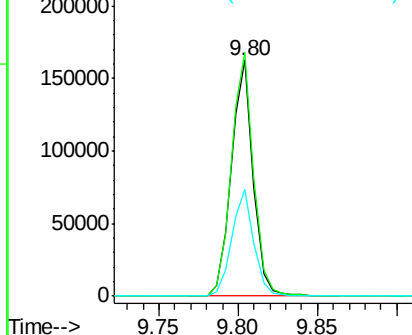


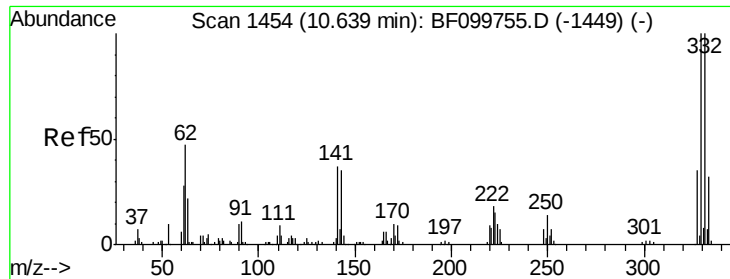
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Tgt Ion: 164 Resp: 154534
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

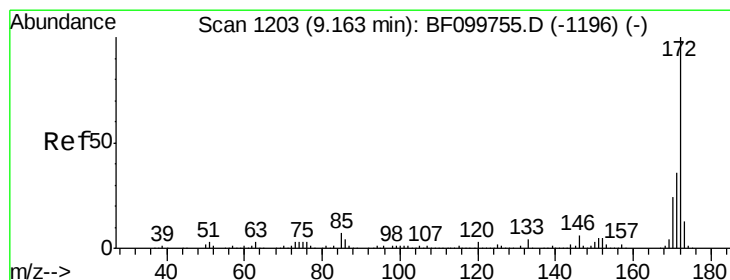
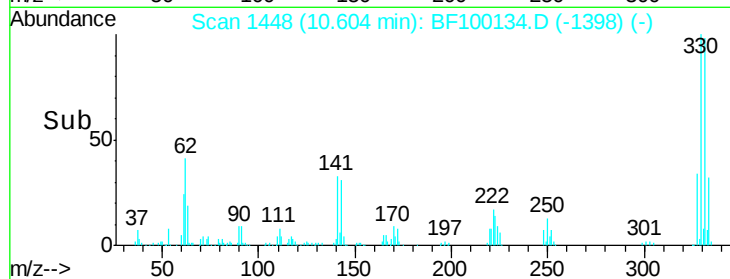
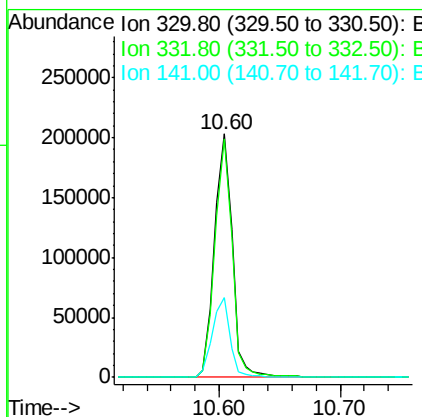
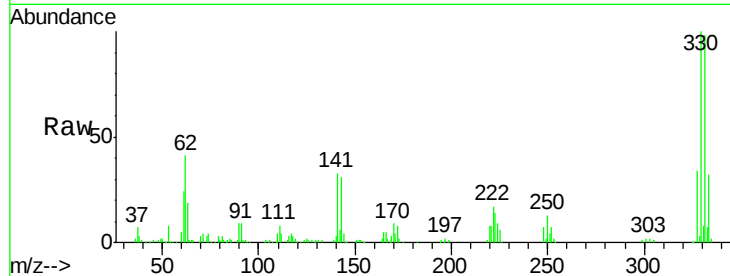




#41
 2,4,6-Tribromophenol
 Concen: 146.045 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

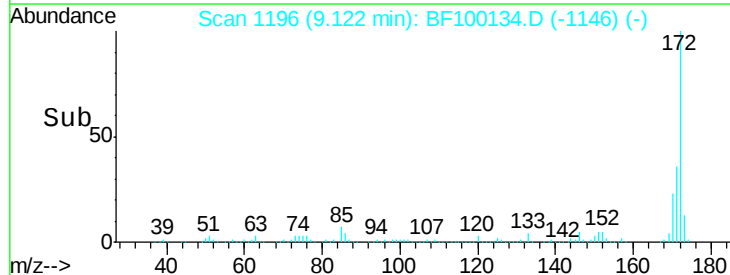
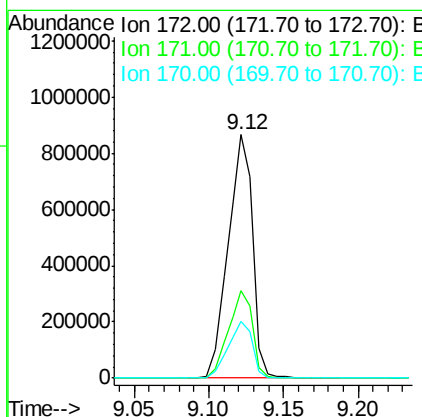
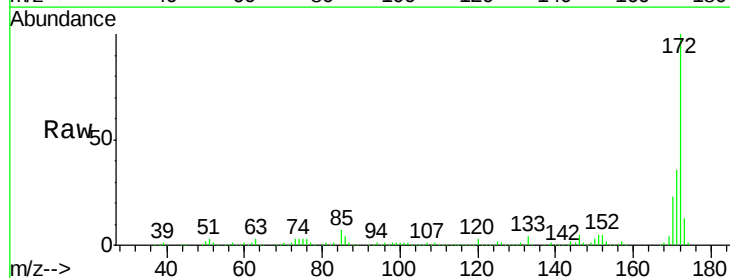
Instrument :
 BNA_F
 ClientSampleId :
 WOODLAKE-DR-2-14-18

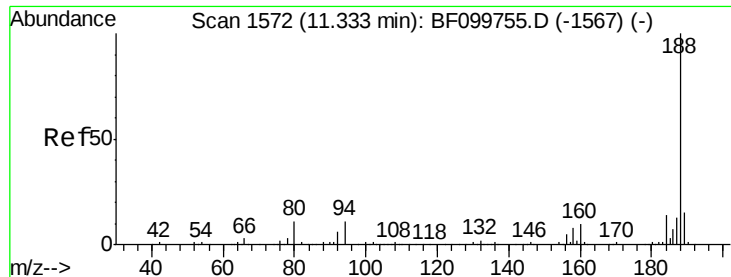
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.762 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100134.D
 Acq: 3 Nov 2017 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4

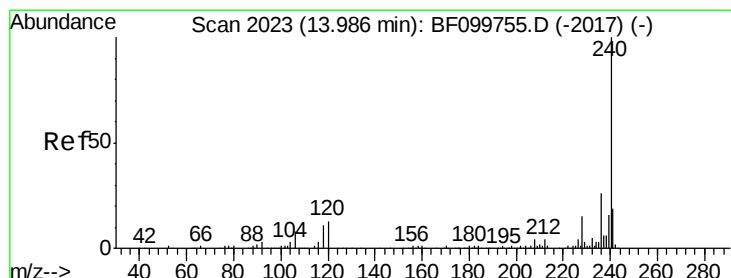
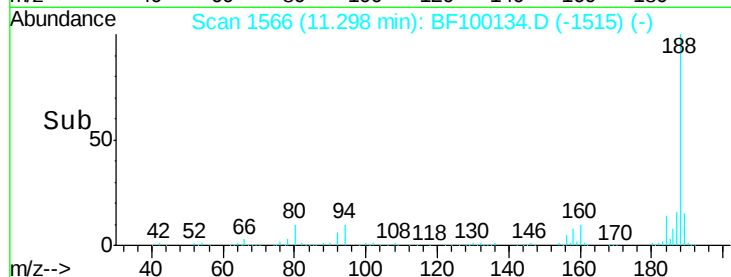
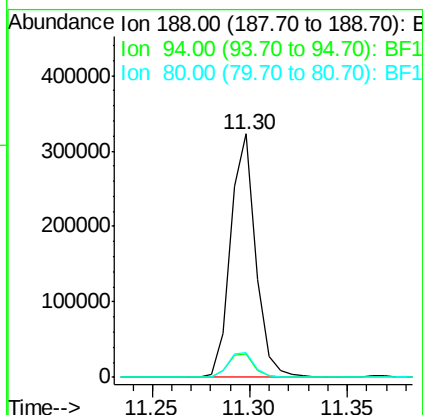
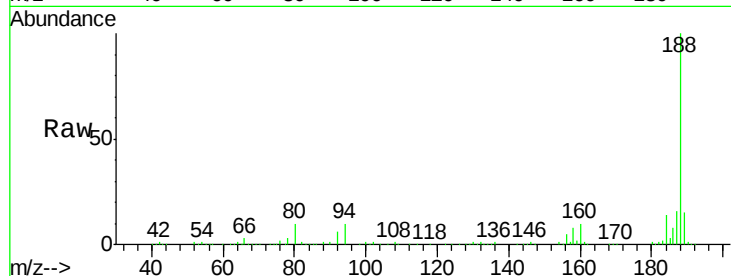




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100134.D
Acq: 3 Nov 2017 15:07

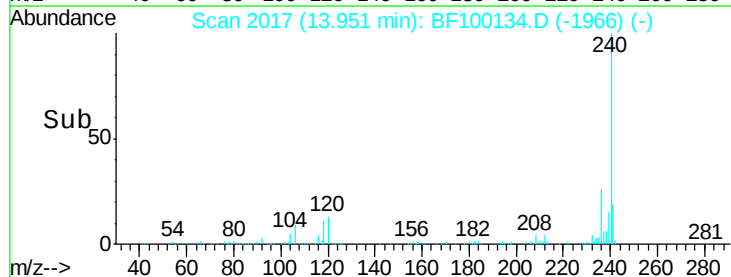
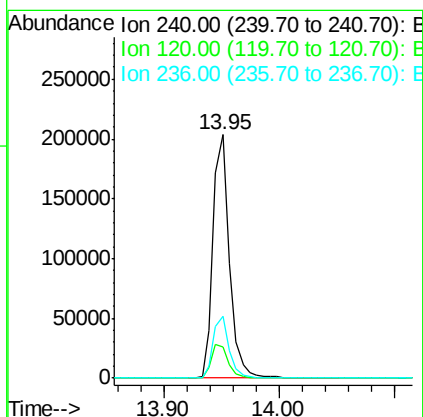
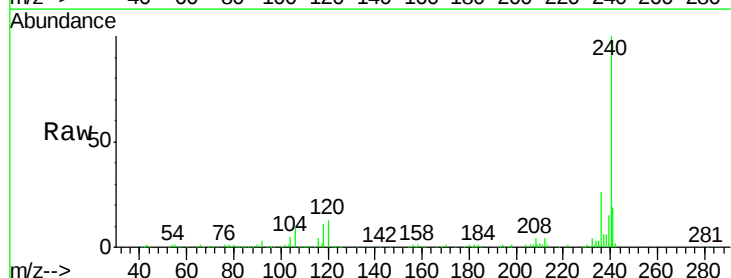
Instrument :
BNA_F
ClientSampleId :
WOODLAKE-DR-2-14-18

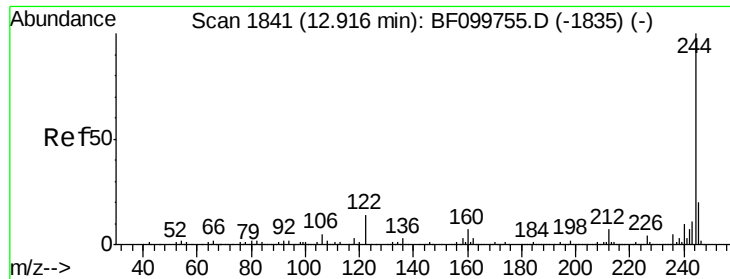
Tgt Ion:188 Resp: 287062
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100134.D
Acq: 3 Nov 2017 15:07

Tgt Ion:240 Resp: 200452
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 100.250 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

Instrument :

BNA_F

ClientSampleId :

WOODLAKE-DR-2-14-18

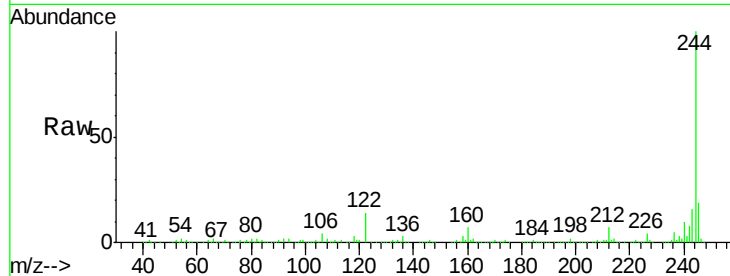
Tgt Ion:244 Resp: 919536

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

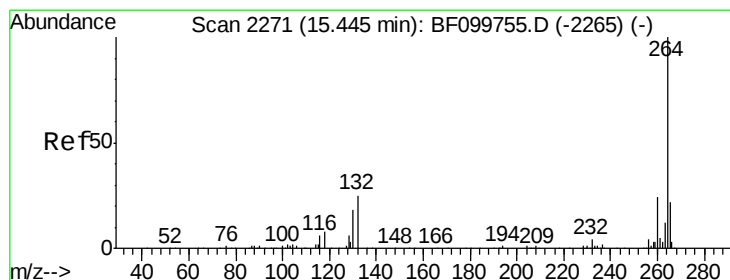
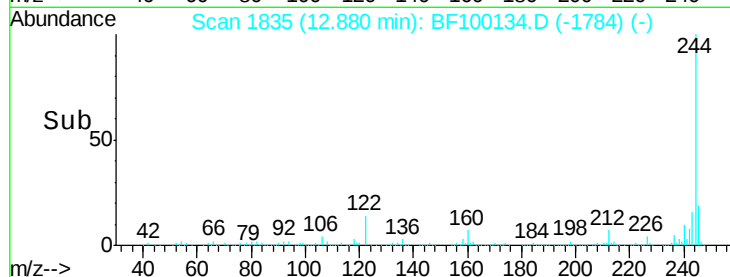
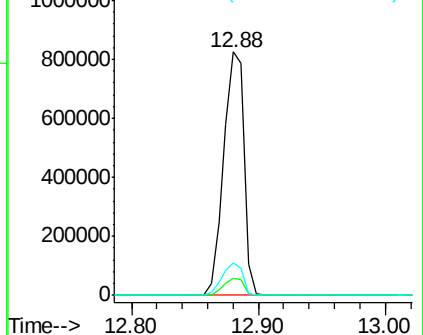
122 13.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF100134.D

Acq: 3 Nov 2017 15:07

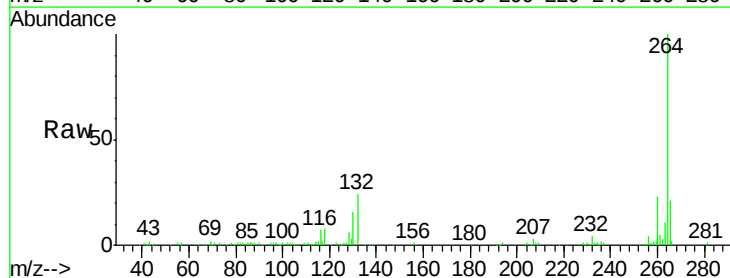
Tgt Ion:264 Resp: 136937

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

